

Professional Audio Service Bulletin

Mincom
Division **3M**
COMPANY

BULLETIN NO. 9

Subject: Modification Instructions for the M-79 Logic and Master Bias Supply PC Board to eliminate Bias Beating when two machines are operated in close proximity to each other.

Procedure:

Tools necessary to accomplish task:

1. Drill Motor
2. No. 70 Twist Drill

Parts necessary to accomplish task:

<u>Part</u>	<u>Mincom Catalog No.</u>	<u>Quantity</u>
Coil, 100 μ h	83-1540-0535	1
Capacitor, 4.7 μ f, 35V	83-1510-6210	2

- 1) Remove all power from machine.
- 2) Remove the following from Logic and Master Bias Supply PC Board in sequence:
 - a) Connectors
 - b) 2; 6-32 Hold Down Screws
 - c) PC Board from machine.
- 3) Place board on bench component side up and three connectors facing toward you.
- 4) Locate P-5. It will be to the extreme right of the board. Locate contact 9 and note that trace runs from contact 9 to the bottom side of C-26. Cut this trace.

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- V. Utilizing the drill motor and the #70 twist drill, put 6 holes thru the PC Board. Location of these holes are as follows: (See Figure I)
- A. Top of Contact Finger #9
 - B. Top of contact Finger #7
 - C. Between contact Finger #9 and cut in trace.
 - D. In trace running to the left of C-26 near lower left hand edge of C-26.
 - E. Between cut in trace and bottom of C-26, drill 2

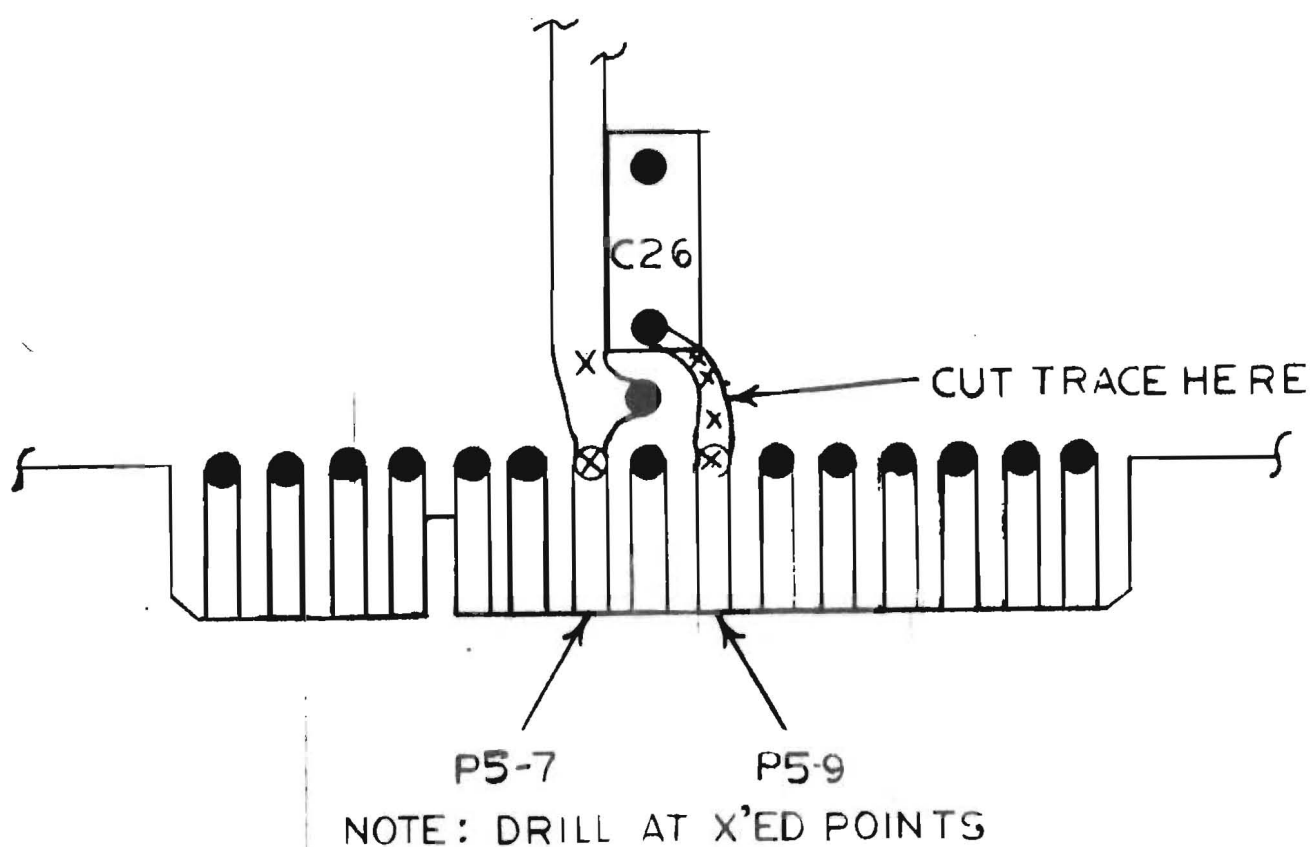


FIGURE 1

- VI. Install 4.7uf capacitor between holes drilled at top of contacts 7 & 9.
(See Figure 2)
- VII. Install 4.7uf capacitor between holes drilled just below and to the left and right of C-26. (See Figure #2)
- VIII. Install 100 μ h coil in two remaining holes (See Figure 2)

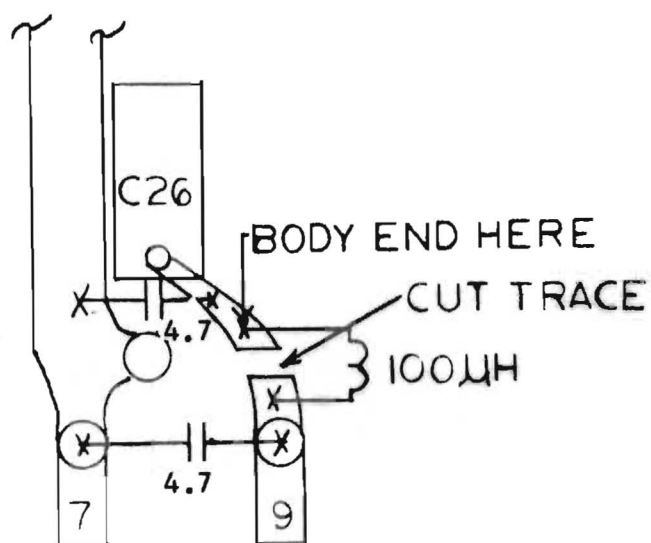


FIGURE 2

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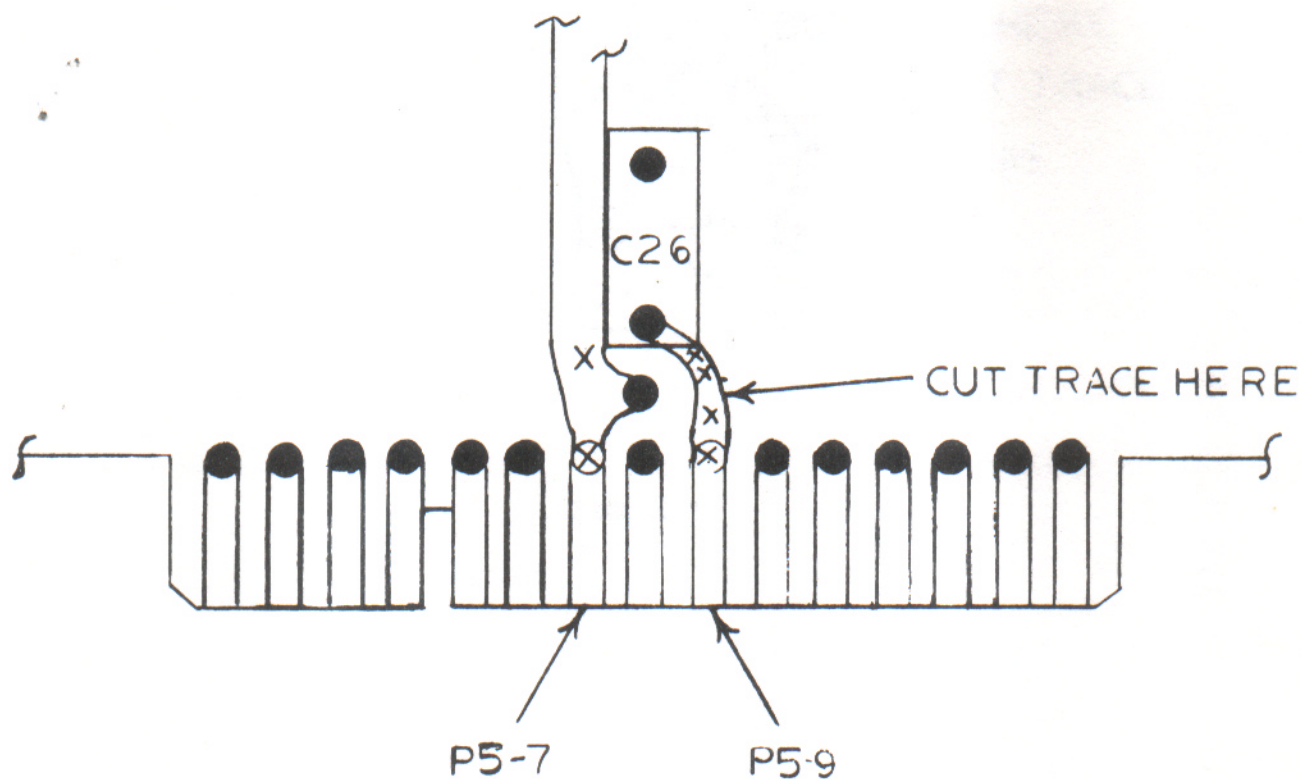
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NOTE: DRILL AT X'ED POINTS

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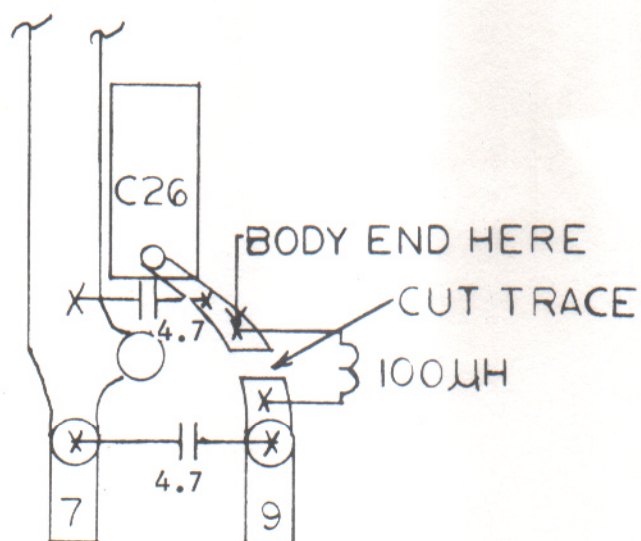


FIGURE 2